

YUVARAJ K

7397065753 • yuvarajk19102003@gmail.com • linkedin.com/in/yuvaraj-k-6921b824b • yuvarajk.netlify.app

SUMMARY

DevSecOps Engineer, and **Cloud Security Engineer** with skills in **cloud security**, **DevOps automation**, and **threat detection**. Focused on securing cloud environments, automating security workflows, and monitoring cyber threats. Experienced in **IAM**, **CI/CD security**, **Kubernetes security**, and **incident response** to enhance system security and resilience.

EDUCATION

Dhanalakshmi Srinivasan Engineering College (Autonomous) - Perambalur
B.E., Computer Science Engineering

Graduating May 2025
9.13 CGPA

PROFESSIONAL EXPERIENCE

RedSun Innovations Technology Pvt Ltd, Thoothukudi, Tamilnadu: Cloud DevOps Intern Dec 2024 – June 2025

- Guided the **senior DevOps engineer at Everway (UK)** on **automation** and **Cloud infra optimization**.
- Managed **AWS infrastructure** with **Terraform** (tfstate per env); built 5+ reusable **modules** and managed **IAM access** for 20+ teams across 50+ users using **AWS Identity Center**.
- Created 2+ reusable **CI/CD templates** in **Azure DevOps**, cutting setup time for **Developer team by 60%**.
- Automated the **audits** RDS/Beanstalk across 10+ AWS accounts using shell scripts; enforced custom **WAF rules**.
- Collaborated with a **Principal DevOps Engineer at Pega Systems (Poland)** to set up a **Grafana dashboard** for monitoring **GCP Vertex and Gemini AI services**.

BillionBytes, Perambalur, Tamilnadu: Full-Stack Intern

Sept 2024 – Nov 2024

- Set up **GitHub Actions** for repo and Docker workflows; fixed 10+ **Docker issues** and boosted CI speed by 25%.

TECHNICAL SKILLS

Cloud Computing: AWS, Azure

DevOps Tools: Linux, Git, Docker, Kubernetes, Terraform, Prometheus, Grafana, GitHub Action, Azure DevOps

Programming: Python, Shell/Bash Script, Golang, Powershell Script, YAML, HCL

DevSecOps Tools: snyk scan, Trivy scan, ELK stack, Wireshark, ArgoCD

CERTIFICATIONS

AWS Academy Cloud Architecting: AWS Academy Graduate

Cyber Threat Management: Cisco networking Academy

Cloud Practitioner: AWS Cloud Quest (AWS Skill Builder)

Networking Basics: Cisco networking Academy

PROJECTS

SecureEdgeOps project

Blocked threats and improved **network security** by 35% using **honeypot-integrated AWS WAF**.

- **Tech stack:** AWS(S3, CloudFront, WAF, Lambda, CloudTrail, Parameter Store), Suricata, Wazuh, Terraform. - **GitHub**

DevSecOps project

Automated **CI/CD** on **Kubernetes** using **GitOps** reducing deployment time by 40% improving alert response by 50%.

- **Tech stack:** HTML, CSS, JS, Go, Terraform, Docker, Snyk Scan, Grafana, GitHub Actions, HashiCorp Vault, ArgoCD, Slack, AWS (EC2, CloudWatch, VPC, EKS). - **GitHub**

Server-less Web App

Implemented **serverless microservices** with 99.9% uptime. Improving reliability by 30% using **RESTAPI's**.

- **Tech stack:** HTML, CSS, JS, Python, Terraform, AWS (DynamoDB, Lambda, API Gateway, S3, CloudFront). - **GitHub**

Elastic-Cloud-Solution-project

Improved **system availability** by 25% and reduced **latency** by 15% across 2 VPCs using **Infrastructure as code**.

- **Tech stack:** AWS (VPC Peering, EFS, SSM, EC2, ALB), Shell Scripts, Terraform. - **GitHub**